



***National
Environmental
Achievement Track***

Application Form

NewYork-Presbyterian Hospital - Weill Cornell Medical Center

Name of facility

NewYork-Presbyterian Health System

Name of parent company (if any)

525 East 68th Street

Street address

Street address (continued)

New York, NY 10021

City/State/Zip code

Give us information about your contact person for the
National Environmental Achievement Track Program.

Name Fernando Lopez

Title Marketing Manager - Walsh Integrated Environmental Systems Inc.

Phone 800-925-7460

Fax 514-364-1559

E-mail fernando.lopez@walshenvironmental.com

Why do we need this information?

EPA needs background information on your facility to evaluate your application.

What do you need to do?

- Provide background information on your facility.
- Identify your environmental requirements.

1 What do you do or make at your facility?

The Weill Cornell Medical Center is at the forefront of cancer research and technology.

2 List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

SIC

NAICS
622

3 Does your company meet the Small Business Administration definition of a small business for your sector?

☐ Yes

☒ No

4 How many employees (full-time equivalents) currently work at your facility?

☐ Fewer than 50

☐ 50-99

☐ 100-499

☐ 500-1,000

☒ More than 1,000

5 Does your facility have an EPA ID number(s)?

☒ Yes

☐ No

If yes, list in the right-hand column.

NYD0682411332

6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right or enclose a completed Checklist with your application.

7 Check the appropriate box in the right-hand column.

☐ I've listed the requirements above.

☒ I've enclosed the Checklist with my application.

8 Optional: Is there anything else you would like to tell us about your facility?

Why do we need this information?

Facilities must have an operating Environmental Management System (EMS) that meets certain requirements.

What do you need to do?

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

1 Check **yes** if your EMS meets the requirements for each element below as defined in the instructions.

a. Environmental policy

☒ Yes

b. Planning

☒ Yes

c. Implementation and operation

☒ Yes

d. Checking and corrective action

☒ Yes

e. Management review

☒ Yes

2 Have you completed at least one EMS cycle (plan-do-check-act)?

☒ Yes

3 Did this cycle include both an EMS and a compliance audit?

☒ Yes

4 Have you completed an objective self-assessment or third-party assessment of your EMS?

☒ Yes

If yes, what method of EMS assessment did you use?

☒ Self-assessment

☐ GEMI

☒ Other

☐ CEMP

The Weill Cornell Medical Center implemented the Walsh Waste Tracker Program, a comprehensive environmental management program supplied by Walsh Integrated Environmental Systems Inc. The ultimate goal of The Waste Tracker Program is Pollution Prevention (P2) and Environmentally Preferable Purchasing (EPP). Before reaching that stage, the Waste Tracker Program focuses on properly segregating and handling waste. Once the waste situation is under control, the program then focuses on recycling. It is only after this step that the hospital can effectively address P2 and EPP.

The following is a description of the components of the

Application for the National Environmental Achievement Track
OMB Approved No. 2010-0032

Walsh Waste Tracker Program currently being used at the Weill Cornell Medical Center.

Technology

Walsh's core technology incorporates a palm-top computer and integrated digital camera with an expert system to store visual and written records of misdirected waste or potentially dangerous disposal practices. The collected data is stored in a central web server and delivers a variety of reports including e-mails, graphs, and regulatory documents.

In-Service Programs

The hospital was thoroughly inspected to determine the proper program that needed to be implemented. In-service training of all necessary hospital staff was then conducted. In-service sessions are the most important venue for getting the message out about the environmental damage cause by improper waste segregation. By directly in-servicing Nurses, Lab Techs, OR Techs, Housekeeping personnel and professional staff, the proper definitions of medical waste were effectively conveyed, allowing for the promotion of "Best Practices".

Monthly Waste Tracking Service

A critical success factor in improving the quality of any waste management system is the regular and detailed auditing of the actual contents of a hospital's red bags (medical waste). The Waste Tracker handheld computer and the integrated digital camera is used to document a department's waste stream accurately and efficiently.

Quarterly Reporting and Presentation

Presentations are given detailing the accomplishments of the program to date and discussing upcoming changes and improvements needed to continue with the program's success. These presentations offer an opportunity to motivate employees, remind them that the program is an ongoing one, and that everyone's effort is needed over time to ensure success.

Promotional Support Program

A professional support program was designed and implemented to promote best practices. Materials include post-it notes stating correct environmental procedures, posters, handouts, press releases, pens, etc. Modern promotional techniques are used to make the messages easy to understand, interesting, and highly visible.

Reports and E-mails

Instantaneous and automatic emails inform each department of how they are doing. Digital photos of the waste stream are taken producing individual email reports for each Department Head. This keeps key people informed and involved. Targeted reports are also instantaneously and

automatically generated for all parties concerned. The idea is to have an effective method of locating areas that are not environmentally compliant and altering behavior.

The whole Waste Tracker Program is designed to make environmental compliance an active part of everyday life within the hospital. It is not only a program of assessment, but also a program of action and motivation.

☒ Third-party assessment

☐ ISO 14001 Certification

☒ Other

Before implementing the Walsh Waste Tracker Program, the hospital hired Walsh Integrated Environmental Systems Inc. to perform Waste Audits using the same Walsh technology. The detailed audit reports pinpointed opportunities for improvement, not only in environmental terms, but also with regards to employee and patient safety, and cost reduction. Seeing that there was room for improvement in these areas, the hospital opted for the complete Waste Tracker Program

Why do we need this information?

Facilities must show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

- 1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you qualify as a small facility as defined in the instructions, you are required to report past achievement for at least one environmental aspect.

First aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units lbs/month	Quantity	Units lbs/month
Hazardous Solid Waste (Regulated Medical Waste)	179,359		41,994	
i. How is the current level an improvement over the previous level?				
The amount of medical waste being disposed of by the hospital has dropped by over 137 thousand pounds per month. This represents a monthly decrease of 77%.				
ii. How did you achieve this improvement?				
The Weill Cornell Medical Center implemented the comprehensive environmental management plan called the Walsh Waste Tracker Program. As mentioned earlier, this is an ongoing, daily obligation of tracking, training and support. The hospital has committed time, money and resources to ensure that it reduces the level of hazardous waste it is producing. This is done by constantly assessing the medical waste stream and taking actions based on those assessments.				

Second aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Emissions of Ozone-Depleting Chemicals	45,000 (est.)	lbs/month	4,500 (est.)	lbs/month

i. How is the current level an improvement over the previous level?

The amount of PVCs and plastics in the medical waste stream was reduced by 90% through better waste segregation and follow up. When incinerated, PVCs and plastics release dioxins. By reducing the amount of PVCs and plastic in the medical waste stream, and therefore the amount of PVCs and plastics being incinerated, the emissions of ozone-depleting chemicals are reduced correspondingly.

ii. How did you achieve this improvement?

Realizing the damage that having PVCs and plastics in the medical waste stream can cause, the Weill Cornell Medical Center decided to target PVCs and plastics to remove them from the medical waste stream. Sources of PVCs and plastics in the red bags are identified and continuously audited and tracked. Departments that are guilty of putting PVCs and plastics in the medical waste stream are targeted for in-service sessions and presentations. Departments that are doing a good job are sent congratulatory emails. These actions reduced the quantity of PVCs and plastics being incinerated as medical waste, and therefore reduced the ozone-depleting emissions.

- 2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this section.

Note to small facilities: If you are a small facility, you are required to make commitments for at least two environmental aspects in two different categories.

First aspect you've selected

a. What is the aspect?

Hazardous Solid Waste (Regulated Medical Waste)

b. Is this aspect identified as significant in your EMS?

☒ Yes ☐ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

☐ Option A:
Absolute value

(Quantity/Units)

☒ Option B:
In terms of
units of production
or output

41,944 lbs/month
(Quantity/Units)

d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.

e. How will you achieve this improvement?

☐ Option A:
Absolute value

(Quantity/Units)

☒ Option B:
In terms of
units of production
or output

20,000 lbs/month
(Quantity/Units)

Perform target audits and tracking on a weekly basis using the Waste Tracker technology. Perform in-service and training sessions. Give presentations. Develop new promotional material. Keep using and improving the system that has produced such great results so far and expand the program to new departments within the institution.

Second aspect you've selected

a. What is the aspect?

b. Is this aspect identified as significant in your EMS?

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.

e. How will you achieve this improvement?

Emissions of Toxics (Mercury)

☐ Yes ☐ No

☐ Option A:
Absolute value

(Quantity/Units)

☒ Option B:
In terms of
units of production
or output

390 lbs/year
(Quantity/Units)

☐ Option A:
Absolute value

(Quantity/Units)

☒ Option B:
In terms of
units of production
or output

39 lbs/year
(Quantity/Units)

According to the EPA, medical waste incineration is the fourth largest source of mercury emissions to the environment. The hospital will target mercury-containing products for exclusion from medical waste, resulting in a corresponding drop in mercury released through incineration. This will be combined with information sessions about the dangers of mercury and the need to properly handle it. The hospital will also adopt a change program, whereby members of the community will be given safer electronic thermometers in exchange for their mercury thermometers.

Third aspect you've selected

- a. What is the aspect?
- b. Is this aspect identified as significant in your EMS?
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.
- e. How will you achieve this improvement?

Total Solid Waste

☒ Yes ☐ No

☐ Option A:
Absolute value

(Quantity/Units)

☒ Option B:
In terms of
units of production
or output

724,080 lbs/month
(Quantity/Units)

☐ Option A:
Absolute value

(Quantity/Units)

☒ Option B:
In terms of
units of production
or output

485,134 lbs/month
(Quantity/Units)

The Weill Cornell Medical Center has begun planning an intensive recycling campaign. The hospital will promote and facilitate the recycling of cardboard, paper, and metals through in-service sessions and a promotional campaign. Employees will be taught about the importance of proper recycling. A recycling bin campaign will be implemented to maximize recycling possibilities. Posters and other promotional material will be strategically placed throughout the hospital. The goal of the recycling program is to achieve the level of 33% reduction in total waste volume in hospitals as stated in the EPA/AHA Memorandum of Understanding (MOU). The hospital also intends to reach the MOU 2010 target level of 50% reduction.

Fourth aspect you've selected

- a. What is the aspect?
- b. Is this aspect identified as significant in your EMS?
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.

Packaging Material Used in Product

☒ Yes ☐ No

☐ Option A:
Absolute value

(Quantity/Units)

☒ Option B:
In terms of
units of production
or output

181,000 lbs/month
(Quantity/Units)

☐ Option A:
Absolute value

(Quantity/Units)

☒ Option B:
In terms of
units of production
or output

170,000 lbs/month
(Quantity/Units)

e. How will you achieve this improvement?

Currently, about 181,000 lbs of packaging material is used monthly at the hospital. To reduce this number, the hospital plans to work with suppliers to increase bulk shipments of sterile and non-sterile products in reusable containers that can be swapped out daily. The goal is to use a few reusable containers rather than tens of dozens of disposable boxes. The hospital will then pursue further refinements to shipping and storage that preclude the need for disposable packaging. This will entail a collaboration between Purchasing, Clinical Services and the internal Environmental Committee.

Why do we need this information?

Facilities must demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

1 How do you identify and respond to community concerns?

The hospital engages in a geographically-focused approach for soliciting community involvement and providing community outreach. At the head of these efforts is the hospital's Coordinator for Community Affairs. In 1998, the hospital established the Office of Community Health Development and Governmental Affairs, which is responsible for developing comprehensive, accessible, affordable, high quality health care resources for the community. During 1999, the hospital continued a formal Community Needs Assessment Program, whose ultimate goal is to ensure that the needs of the community are being heard and met.

2 How do you inform community members of important matters that affect them?

The hospital continues to distribute myriad of community publications that educate the community about its programs and services, including the Weill Cornell Window, the Food & Fitness Advisor, and the Woman's Health Advisor.

3 How will you make the Achievement Track Annual Performance Report available to the public?

☒ Website www.nyp.org, www.walshenvironmental.com

☒ Newspaper

☐ Open Houses

☒ Other

All the community publications mentioned above.

4 Are there any ongoing citizen suits against your facility? ☐ Yes ☒ No

If yes, describe briefly in the right-hand column.

5 List references below

	Organization	Name	Phone number
Representative of a Community/ Citizen Group	Manhattan Chamber of Commerce	Nancy Ploeger	212-410-1071
State/Local Regulator	New York State Department of Health	Tennyson Ng	212-268-6553
Other community/local reference	Burden Center for Aging	William Dionne	212-879-7400

2/5
ABC

On behalf of Weill Cornell Medical Center
[my facility].

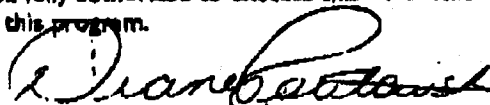
I certify that

- I have read and agree to the terms and conditions, as specified in the *National Environmental Achievement Track Program Description* and in the *Application Instructions*;
- I have personally examined and am familiar with the information contained in this Application (including, if attached, the *Environmental Requirements Checklist*). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the *Achievement Track EMS requirements*, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the *National Environmental Achievement Track* is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date

 10/30/00

Printed Name/Title Diane Kontowski, Director of Housekeeping and Laundry

Facility Name New York-Presbyterian Hospital - Weill Cornell Medical Center

Facility Street Address 525 East 68th Street, New York, NY 10021

Facility ID Numbers NYD068241 | 332

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK or e-mail ptrack@indecon.com. Mail completed applications to:

The Performance Track Information Center
c/o Industrial Economics Incorporated
2067 Massachusetts Avenue
Cambridge, MA 02140

National Environmental Achievement Track

Environmental Requirements Checklist

The following Checklist is provided to assist facilities in answering Section A, "Tell us about your facility," Question 6. The Checklist is given to help facilities identify the major federal, state, tribal, and local environmental requirements applicable at their facilities. The Checklist is not intended to be an exhaustive list of all environmental requirements that may be applicable at an individual facility.

If you use this Checklist and choose to submit it with your application, fill in your facility information below and enclose the completed Checklist with your application (see instructions).

Facility Name New York Weill Cornell Medical Center
Facility Location: 525 East 68th Street, New York, NY 10021
Facility ID Number(s): NYD0682411332
(attach additional sheets
if necessary)

Air Pollution Regulations

1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61)
2. Permits and Registration of Air Pollution Sources
3. General Emission Standards, Prohibitions and Restrictions
4. Control of Incinerators
5. Process Industry Emission Standards
6. Control of Fuel Burning Equipment
7. Control of VOCs
8. Sampling, Testing and Reporting
9. Visible Emissions Standards
10. Control of Fugitive Dust
11. Toxic Air Pollutants Control
12. Vehicle Emissions Inspections and Testing

Check All
That Apply

<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>

Other Federal, State, Tribal or Local Air Pollution Regulations Not Listed Above
(identify)

13. Asbestos control and plan
- 14.

<input checked="" type="checkbox"/>
<input type="checkbox"/>

Hazardous Waste Management Regulations

1. Identification and Listing of Hazardous Waste (40 CFR 261)
 - Characteristic Waste
 - Listed Waste
2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262)
 - Manifesting

<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>

- Pre-transport requirements ☒
- Record keeping/reporting ☒
- 3. Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)
 - Transfer facility requirements ☐
 - Manifest system and record-keeping ☐
 - Hazardous waste discharges ☐
- 4. Standards for Owners and Operators of TSD Facilities (40 CFR 264)
 - General facility standards ☐
 - Preparedness and prevention ☐
 - Contingency plan and emergency procedures ☐
 - Manifest system, Record keeping and reporting ☒
 - Groundwater protection ☐
 - Financial requirements ☐
 - Use and management of containers ☐
 - Tanks ☐
 - Waste piles ☐
 - Land treatment ☐
 - Incinerators ☐
- 5. Interim Status Standards for TSD Owners and Operators (40 CFR 265) ☐
- 6. Interim Standards for Owners and Operators of New Hazardous Waste Land Disposal Facilities (40 CFR 267) ☐
- 7. Administered Permit Program (Part B) (40 CFR 270) ☐

Other Federal, State, Tribal or Local Hazardous Waste Management Regulations Not Listed Above (identify)

- 8. ☐
- 9. ☐

Hazardous Materials Management

- 1. Control of Pollution by Oil and Hazardous Substances (33 CFR 153) ☒
- 2. Designation of Reportable Quantities and Notification of Hazardous Materials Spill (40 CFR 302) ☒
- 3. Hazardous Materials Transportation Regulations (49 CFR 172-173) ☒
- 4. Worker Right-to-Know Regulations (29 CFR 1910.1200) ☒
- 5. Community Right-to-Know Regulations (40 CFR 350-372) ☒

Other Federal, State, Tribal or Local Hazardous Materials Management Regulations Not Listed Above (identify)

- 6. ☐
- 7. ☐

Solid Waste Management

- 1. Criteria for Classification of Solid Waste Disposal Facilities and Practices (40 CFR 257) ☒
- 2. Permit Requirements for Solid Waste Disposal Facilities ☐
- 3. Installation of Systems of Refuse Disposal ☒

4. Solid Waste Storage and Removal Requirements ☒
5. Disposal Requirements for Special Wastes ☒

Other Federal, State, Tribal or Local Solid Waste Management Regulations Not Listed Above (identify)

6. ☐
7. ☐

Water Pollution Control Requirements

1. Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112) ☒
2. Designation of Hazardous Substances (40 CFR 116) ☒
3. Determination of Reportable Quantities for Hazardous Substances (40 CFR 117) ☒
4. NPDES Permit Requirements (40 CFR 122) ☐
5. Toxic Pollutant Effluent Standards (40 CFR 129) ☐
6. General Pretreatment Regulations for Existing and New Sources (40 CFR 403) ☐
7. Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414) ☐
8. Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415) ☐
9. Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416) ☐
10. Water Quality Standards ☐
11. Effluent Limitations for Direct Dischargers ☐
12. Permit Monitoring/Reporting Requirements ☐
13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants ☐
14. Collection, Handling, Processing of Sewage Sludge ☐
15. Oil Discharge Containment, Control and Cleanup ☒
16. Standards Applicable to Indirect Discharges (Pretreatment) ☐

Other Federal, State, Tribal or Local Water Pollution Control Regulations Not Listed Above (identify)

17. ☐
18. ☐

Drinking Water Regulations

1. Underground Injection and Control Regulations, Criteria and Standards (40 CFR 144, 146) ☐
2. National Primary Drinking Water Standards (40 CFR 141) ☐
3. Community Water Systems, Monitoring and Reporting Requirements (40 CFR 141) ☐
4. Permit Requirements for Appropriation/Use of Water from Surface or Subsurface Sources ☐
5. Underground Injection Control Requirements ☐

6. Monitoring, Reporting and Record keeping Requirements for Community Water Systems ☐

Other Federal, State, Tribal or Local Drinking Water Regulations Not Listed Above(identify)

7. ☐
8. ☐

Toxic Substances

1. Manufacture and Import of Chemicals, Record keeping and Reporting Requirements (40 CFR 704) ☐
2. Import and Export of Chemicals (40 CFR 707) ☐
3. Chemical Substances Inventory Reporting Requirements (40 CFR 710) ☒
4. Chemical Information Rules (40 CFR 712) ☒
5. Health and Safety Data Reporting (40 CFR 716) ☐
6. Pre-Manufacture Notifications (40 CFR 720) ☐
7. PCB Distribution Use, Storage and Disposal (40 CFR 761) ☐
8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762) ☐
9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775) ☐

Other Federal, State, Tribal or Local Toxic Substances Regulations Not Listed Above (identify)

10. ☐
11. ☐

Pesticide Regulations

1. FIFRA Pesticide Use Classification (40 CFR 162) ☐
2. Procedures for Disposal and Storage of Pesticides and Containers (40 CFR 165) ☐
3. Certification of Pesticide Applications (40 CFR 171) ☐
4. Pesticide Licensing Requirements ☐
5. Labeling of Pesticides ☐
6. Pesticide Sales, Permits, Records, Application and Disposal Requirements ☐
7. Disposal of Pesticide Containers ☐
8. Restricted Use and Prohibited Pesticides ☐

Other Federal, State, Tribal or Local Pesticides Regulations Not Listed Above (identify)

9. ☐
10. ☐

Environmental Clean-Up, Restoration, Corrective Action

1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) (identify)

☐
☐

2. RCRA Corrective Action (identify)

☐
☐

**Other Federal, State, Tribal or Local Environmental Clean-Up, Restoration,
Corrective Action Regulations Not Listed Above (identify)**

3.

4.

☐
☐